

# Valproic acid, benzyldimethylsilyl ester

**Inchi:** InChI=1S/C17H28O2Si/c1-5-10-16(11-6-2)17(18)19-20(3,4)14-15-12-8-7-9-13-15/h7-9,1  
**InchiKey:** GHGCAFBBTSHGHT-UHFFFAOYSA-N  
**Formula:** C17H28O2Si  
**SMILES:** CCCC(CCC)C(=O)O[Si](C)(C)Cc1ccccc1  
**Mol. weight [g/mol]:** 292.49

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.80		Crippen Method
logp	4.733		Crippen Method
rinsol	1757.00		NIST Webbook
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## Sources

**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U375727&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**rinsol:** Non-polar retention indices

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